

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 3574.4US (97-1437.04/US)		Application Number Not yet assigned	
Applicant G chnour t al.				Filing Date July 14, 2003		Group Art Unit Unknown	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	Re. 34,794	11/1994	Farnworth	257	678	
	1,750,369	03/1930	Septer	269	95	
	3,614,540	10/1971	Slusser	361	752	
	3,930,644	01/1976	Albert, Jr.	269	118	
	4,339,407	07/1982	Leighton	264	229	
	4,463,636	08/1984	Heller et al.	83	13	
	4,510,008	04/1985	Hoshi et al.	156	245	
	4,554,613	11/1985	Kaufman	361	723	
	4,701,999	10/1987	Palmer	29	827	
	4,763,782	08/1988	Sinchok	206	708	
	4,805,316	02/1989	Curti	33	613	
	4,842,412	06/1989	Miyake	356	401	
	✓	4,943,334	07/1990	Medney et al.	156	174

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<i>JS</i>	57-8050 (A)	01/1982	JP				

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <div style="font-size: 1.5em; font-family: cursive;">JS</div>	DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">11/03</div>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance. Include copy of this form with next communication to the applicant.

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Y	4,948,108	08/1990	Sullivan	269	43	
	4,953,061	08/1990	Nitkiewicz	361	807	
	5,037,691	08/1991	Medney et al.	428	137	
	5,052,338	10/1991	Maiorca et al.	118	668	
	5,110,615	05/1992	Maiorca et al.	427	8	
	5,111,935	05/1992	Bond et al.	206	713	
	5,148,962	09/1992	Jones et al.	228	49.1	
	5,156,983	10/1992	Schlesinger et al.	29	827	
	5,271,953	12/1993	Litteral	427	8	
	5,298,464	03/1994	Schlesinger et al.	156	312	
✓	5,350,455	09/1994	Mahler	118	728	

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EXAMINER Y. G.	DATE CONSIDERED 11/03
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U.S. PATENT DOCUMENTS						
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AC	5,376,326	12/1994	Medney et al.	204	510	
	5,444,304	08/1995	Hara et al.	257	796	
	5,450,289	09/1995	Kweon et al.	361	773	
	5,451,815	09/1995	Taniguchi et al.	257	696	
	5,456,402	10/1995	Curtin	228	43	
	5,492,866	02/1996	Nishikawa	29	827	
	5,501,436	03/1996	Miller	269	47	
	5,635,760	06/1997	Ishikawa	257	692	
	5,653,020	08/1997	Romano et al.	29	856	
	5,820,013	10/1998	Ortiz	228	43	
✓	5,868,887	02/1999	Sylvester et al.	361	704	

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EXAMINER L.S.	DATE CONSIDERED 11/03
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Jc	6,027,590	02/2000	Sylvester et al.	156	150		
	6,122,170	09/2000	Hirose et al.	361	704		
	6,164,636	12/2000	Taylor	269	287		
	6,174,482	01/2001	Reames et al.	264	250		
	6,206,352	03/2001	Ishitani et al.	269	13		
	6,224,936	05/2001	Gochnour et al.	427	96		
	6,237,832	05/2001	Chung	228	44.7		
	6,527,999	03/2003	Gochnour et al.	264	266		
	J	6,592,670	07/2003	Gochnour et al.	118	500	

FOREIGN PATENT DOCUMENTS							
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						YES	NO

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